

| Ref # | Hits | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| L1    | 1892 | 445/24 and (electron) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 08:20 |
| L2    | 1558 | 445/24 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 09:26 |
| L3    | 1478 | 445/24 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode) and (dielectric or resist\$4 or insulat\$4)                        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 08:21 |
| L4    | 1372 | 445/24 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode) and (dielectric or resist\$4 or insulat\$4) and substrate          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 08:21 |
| L5    | 843  | 445/24 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode) and (dielectric or resist\$4 or insulat\$4) and substrate and gate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 09:27 |
| L6    | 2    | ("5457355").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/12/14 08:58 |
| L7    | 2    | ("5457355").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/12/14 09:26 |
| L8    | 1031 | 445/50   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 09:26 |
| L9    | 357  | 445/49   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 09:26 |
| L10   | 697  | 445/51   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 09:26 |
| L11   | 423  | 445/25 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/12/14 09:26 |

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| L12 | 291  | 438/20 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/14 09:27 |
| L13 | 209  | 427/77 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/14 09:27 |
| L14 | 164  | 427/78 and (electron same emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/14 09:27 |
| L15 | 4025 | (electron with emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode) and (dielectric or resist\$4 or insulat\$4) and substrate and (gate with electrode) and etch\$4                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/14 09:28 |
| L16 | 413  | (electron with emit\$4) and (heat\$4 or cur\$4 or Uv) and (cathode or electrode) and (dielectric or resist\$4 or insulat\$4) and substrate and (gate with electrode) and etch\$4 and (sacrif\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/14 09:30 |
| S1  | 1006 | 445/50   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/02 09:22 |
| S2  | 675  | 445/51   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/02 09:45 |
| S3  | 1011 | 445/50   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/02 09:38 |
| S4  | 224  | S2 not S3  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/02 09:22 |
| S5  | 348  | 445/49   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/02 09:38 |
| S6  | 156  | S5 not S3  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/02 09:38 |

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| S7  | 151  | S6 not S2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 09:38 |
| S8  | 2095 | 445/24 and (electron)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 09:46 |
| S9  | 1901 | 445/24 and (electron) and (heat\$4 or cur\$4 or Uv)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 09:48 |
| S10 | 173  | 445/24 and (electron) and (heat\$4 or cur\$4 or Uv) and (sacrific\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/14 08:19 |
| S11 | 1603 | S9 not S2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 09:48 |
| S12 | 1284 | S11 not S3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 09:48 |
| S13 | 1257 | S12 not S5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 09:48 |
| S14 | 34   | 445/25 and (electron) and (heat\$4 or cur\$4 or Uv) and (sacrific\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 16:54 |
| S15 | 2    | ("6440761").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/02 13:30 |
| S16 | 2    | ("6339281").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/02 13:48 |
| S17 | 384  | (438/20).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/02 13:48 |
| S18 | 482  | 438/20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 13:48 |

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| S19 | 383 | S18 not S2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 13:48 |
| S20 | 309 | S19 not S3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 13:48 |
| S21 | 307 | S20 not S5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 13:48 |
| S22 | 252 | S21 not S9  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 13:48 |
| S23 | 0   | 445/77 and (electron) and (heat\$4 or cur\$4 or Uv) and (sacrific\$4)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 14:45 |
| S24 | 11  | 427/77 and (electron) and (heat\$4 or cur\$4 or Uv) and (sacrific\$4)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 14:47 |
| S25 | 7   | 427/78 and (electron) and (heat\$4 or cur\$4 or Uv) and (sacrific\$4)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 14:47 |
| S26 | 232 | 427/78 and (electron) and (heat\$4 or cur\$4 or Uv)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 14:47 |
| S27 | 232 | 427/78 and (electron) and (heat\$4 or cur\$4 or Uv)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 14:47 |
| S28 | 326 | 427/77 and (electron) and (heat\$4 or cur\$4 or Uv)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 14:47 |
| S29 | 264 | S28 not S3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 14:47 |
| S30 | 984 | (electron with emit\$4) and (heat\$4 or cur\$4 or Uv) and (sacrific\$4) and (cathode) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 16:55 |